

State of California  
AIR RESOURCES BOARD

EXECUTIVE ORDER A-4-245

Relating to Certification of New Heavy-Duty Engines and Vehicles

INTERNATIONAL TRUCK AND ENGINE CORPORATION

Pursuant to the authority vested in the Air Resources Board at Sections 43100, 43101, and 43102 of the Health and Safety Code; and

Pursuant to the authority vested in the undersigned at Sections 39515 and 39516 of the Health and Safety Code and Executive Order G-45-9;

IT IS ORDERED AND RESOLVED: That the following engine and emission control system produced by the manufacturer are certified for use in motor vehicles with a manufacturer's gross vehicle weight rating (GVWR) over 14,000 pounds:

Model Year: 2001

Fuel Type: Diesel

<u>Engine Family</u>	<u>Displacement</u>		<u>Exhaust Emission Control Systems and Special Features</u>
	<u>Liters</u>	<u>Cubic Inches</u>	
1NVXH0466ANA (DT466 & DT466HT)	7.6	466	Turbocharger Charge Air Cooler Electronic Control Module Direct Diesel Injection

Engine models and codes are listed on attachments.

BE IT ORDERED AND RESOLVED: That the following are the certification exhaust emission standards (Title 13, California Code of Regulations, Section 1956.8) and certification exhaust emission values for this engine family in grams per brake horsepower-hour under the Federal Test Procedure ("FTP"):

	<u>Total Hydrocarbons</u>	<u>Carbon Monoxide</u>	<u>Nitrogen Oxides</u>	<u>Particulate Matter</u>
Standard	1.3	15.5	4.0	0.10
Certification	0.2	1.7	4.0	0.10

BE IT FURTHER RESOLVED: That for the listed engine models, the manufacturer has submitted the materials to demonstrate certification compliance with the Board's emission control system warranty provisions (Title 13, California Code of Regulations, Sections 2035 et seq.).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this order and attachments.

Executed at El Monte, California this 30<sup>th</sup> day of November 2000.

A handwritten signature in black ink, appearing to read "R. B. Summerfield", is written over the printed name.

R. B. Summerfield, Chief  
Mobile Source Operations Division

# Engine Model Summary Form

ATTACHMENT

Manufacturer: International E. O. # A-4-245  
 Engine category: On-highway HDDE  
 EPA Engine Family: 1NVXH0466ANA  
 Mfr Family Name: DT 466 AND DT 466 HT  
 Process Code: New Submission

1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
		Advertised	Average	Average	Advertised	Average	Average	
C175	C175	175 @ 2300	86.9	67.0	460 @ 1400	91.0	42.7	DI, ECM, TC,
C195	C195	195 @ 2300	93.4	72.0	520 @ 1400	100.6	47.2	DI, ECM, TC,
CH195	CH195	195 @ 2300	98.0	75.5	560 @ 1400	108.4	50.8	DI, ECM, TC,
CL215	CL215	215 @ 2300	106.9	82.4	540 @ 1400	108.4	50.8	DI, ECM, TC,
C215	C215	215 @ 2300	106.9	82.4	560 @ 1400	108.4	50.8	DI, ECM, TC,
CH215	CH215	215 @ 2300	108.0	83.3	620 @ 1400	117.1	54.9	DI, ECM, TC, CAC